

In the Claims:

1. (currently amended) A device for the directional attachment of a scale element of a linear position measuring system to an installation face of a first body, the device comprising:

a first body comprising an installation face;

a second body comprising a scanning head, which is movable in a measuring direction in relation to said first body;

a scale element of a linear position measuring system is aligned parallel with respect to said measuring direction; and

a profiled alignment device is provided on said second body, which works together with a complementary tape profile on said scale element for aligning said scale element with respect to said installation face of said first body.

2. (original) The device in accordance with claim 1, wherein said scale element comprises a scale.

3. (original) The device in accordance with claim 1, wherein said scale element comprises a scale support.

4. (original) The device in accordance with claim 1, wherein said scale element comprises a scale guide device.

5. (original) The device in accordance with claim 1, wherein said tape profile is provided on a removable protective tape of said scale element.

6. (original) The device in accordance claim 1, wherein said profiled alignment device is provided in the form of at least one recess.

7. (original) The device in accordance with claim 1, wherein said profiled alignment device is provided in the form of at least one protrusion.

8. (original) The device in accordance with claim 1, further comprising a pusher arrangement that presses said scale element against said installation face.

9. (original) The scale element in accordance with claim 5, wherein said protective tape can be rolled up.

10. (original) The scale element in accordance with claim 5, wherein said protective tape is self-adhesive and is of low adhesion.

11. (currently amended) A method for the directional attachment of a scale element of a linear position measuring system to an installation face of a first body, comprising:

providing a second body comprising a scanning head, which is movable in a measuring direction in relation to a first body which comprises an installation face,

aligning a scale element of a linear position measuring system parallel with respect to said measuring direction;

providing a profiled alignment device on said second body, which works together with a complementary tape profile on said scale element for aligning said scale element with respect to said installation face of said first body.

12. (currently amended) The method in accordance with claim 11, further comprising pressing said scale element against said an installation face surface after said aligning said scale element.

13. (original) The method in accordance with claim 11, further comprising providing said tape profile on a protective tape, which is pulled off said scale element after said aligning said scale element.

14. (new) A device for the directional attachment of a scale element of a linear position measuring system to an installation face of a first body, the device comprising:

a first body comprising an installation face;

a second body comprising a scanning head, which is movable in a measuring direction in relation to said first body; and

a protective element applied on said scale for protecting said scale during attachment to said installation face and which works together with a device on said second body to set a spacing for scanning between said scale and said scanning head.

15. (new) The device in accordance with claim 14, wherein said protective element is a self-adhesive foil.

16. (new) A method for the directional attachment of a scale element of a linear position measuring system to an installation face of a first body, comprising:

providing a second body comprising a scanning head, which is movable in a measuring direction in relation to a first body which comprises an installation face,

aligning a scale element of a linear position measuring system parallel with respect to said measuring direction; and

setting a scanning distance between said scanning head and said aligned scale element via a device on said second body and a protective element applied on said scale element.

17. (new) The method in accordance with claim 16, further comprising pressing said scale element against said installation face after said aligning said scale element.

18. (new) The method in accordance with claim 16, wherein said protective element is a tape, which is pulled off said scale element after said aligning said scale element.